

Title (en)  
PLASMA ENGINE

Title (de)  
PLASMAMOTOR

Title (fr)  
MOTEUR À PLASMA

Publication  
**EP 2751392 A2 20140709 (DE)**

Application  
**EP 12759622 A 20120821**

Priority  
• AT 12402011 A 20110830  
• AT 2012050116 W 20120821

Abstract (en)  
[origin: WO2013029077A2] Described is an engine having a piston (3) and having a working chamber (4, 5) via which the piston (3) can be subjected to load, wherein at least one supply duct for a gaseous working medium is provided which issues into the working chamber (4, 5), in which supply duct or working chamber (4, 5) there is arranged at least one ionization device (10) for ionizing the working medium and for generating a plasma from the working medium situated in the working chamber (4, 5). To realize advantageous structural conditions, it is proposed that the ionization device has a housing (17) which encases an electrode (15) of the ionization device at least in sections, wherein the housing (17) has at least one intake opening and at least one outlet opening for the working medium.

IPC 8 full level  
**F01C 9/00** (2006.01)

CPC (source: EP)  
**F01C 9/002** (2013.01); **H05H 1/54** (2013.01); **F05C 2203/02** (2013.01)

Citation (search report)  
See references of WO 2013029077A2

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